

Eric Xie

415-606-7858 | meisericxie@gmail.com | linkedin.com/in/ericxie | github.com/EJX537 | Portfolio Website

EDUCATION

University of California, Santa Cruz

Santa Cruz, CA

Bachelor of Science in Computer Engineering - GPA: 3.58

Aug. 2020 – May 2024

- Coursework: Principles of Computer Systems Design, Full Stack Web Development, Computational Models, Introduction to Data Structures and Algorithms

EXPERIENCE

Library Assistance (Intern)

November 2019 – March 2020

San Francisco Public Library

San Francisco, CA

- Coordinated with staff to organize and supervise 15+ community events for all ages

PROJECTS

Full-Stack Email Manager | *Express, JavaScript, CSS, HTML, React, MUI, PostgreSQL*

July 2022

- Developed a full-stack email client that holds data for multiple users
- Front-end was created using React and MUI
- Back-end was created using Express, OpenAPI, and PostgreSQL
- Features implemented include login, search bar, creating and reading emails with favorites and flags

Portfolio | *React, JavaScript, HTML, and CSS*

October 2022

- Developed a responsive single page web application
- Hosted on GitHub pages displaying my projects
- Clean adaptable user interface with consistent experience on mobile and desktop

Multi-Threaded HTTP Server | *C*

November 2022

- Created a HTTP server that supports PUT, HEAD, and GET requests.
- Handling synchronization and shared data structures using the pthreads library
- Parses requests and returns the corresponding status codes and responses depending on their validity.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, HTML/CSS

Frameworks: React, Node.js, Material-UI

Developer Tools: Git, Docker, VS Code

Soft Skills: Adaptability, Creativity, Organizational, Critical thinking